



Kentucky HIV/AIDS Semi-Annual Report

Volume 2 Number 1

Mid-Year
June 30, 2002

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This report may be accessed through the Kentucky Department for Public Health web site. The web address for the HIV/AIDS program is <http://publichealth.state.ky.us/hiv-aids.htm>.

The HIV/AIDS web site not only contains copies of HIV/AIDS statistical reports for the past three years but also lists information on HIV prevention, HIV/AIDS surveillance, and services for those persons living with HIV/AIDS. In addition, a list of approved HIV/AIDS continuing education courses for health professionals may be accessed through the web site.

Cumulative Kentucky AIDS Cases as of June 30, 2002

<u>Type of Case</u>	<u>Number of Cases</u>
AIDS Cases both living and deceased	3,746
Cases living with AIDS	1,958

The HIV/AIDS Semi-Annual Report
is produced by:

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Kentucky HIV/AIDS Semi-Annual Report Data Sources and Limitations

The HIV/AIDS Semi-Annual Report presents data regarding AIDS cases diagnosed and reported to the Kentucky Department for Public Health, HIV/AIDS Program through June 30, 2002.

According to state regulation 902 KAR 2:020, Section 7, health professionals licensed under KRS chapters 311 through 314, health facilities licensed under KRS chapter 216B and laboratories licensed under KRS chapter 333 are required to report HIV and AIDS cases to the Kentucky Department for Public Health within five business days of diagnosis. AIDS cases are reported by name, while HIV cases are reported by 'Unique Identifier' consisting of the person's initials of last and first name; date of birth; and last four digits of Social Security number. HIV tests can be either anonymous or confidential; however, only those confidential HIV positive cases are reported to the Kentucky Department for Public Health.

HIV and AIDS cases who reside in the Kentucky counties of Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer and Trimble are reported to an HIV/AIDS surveillance nurse consultant at the Jefferson County Health Department. All other HIV and AIDS cases are reported to an HIV/AIDS surveillance representative at the Kentucky Department for Public Health. Case information from both sites is combined at the Kentucky Department for Public Health to produce this report.

New Kentucky HIV/AIDS reporting requirements including 'Unique Identifier' reporting for HIV cases were adopted as of December 15, 2000. Data from the new HIV reporting system will not be released until a complete evaluation of this system is performed and the effectiveness of the unique code is determined.

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AIDS Cases by Report Date and Diagnosis Date

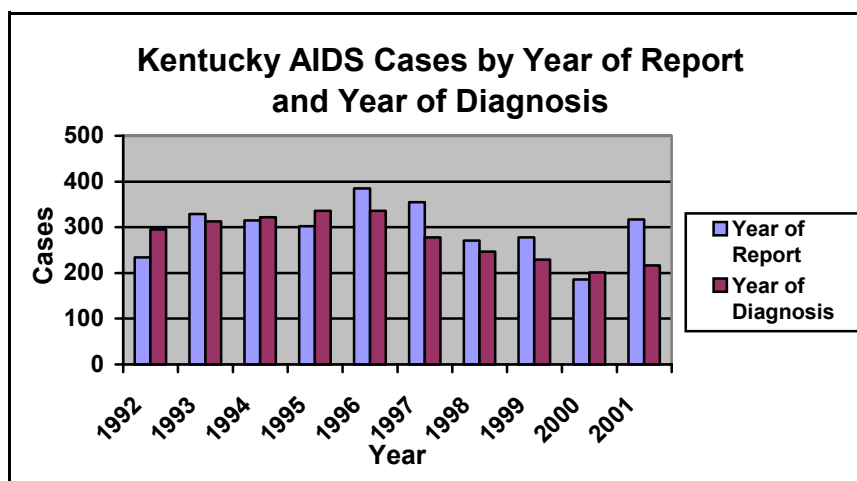
Date of Report: When an HIV or AIDS case is reported to the Kentucky HIV/AIDS Program

Date of Diagnosis: When an HIV or AIDS case is actually diagnosed

Key Difference: A case may be diagnosed in one year and not reported for many years later. For this reason, date of diagnosis is used to examine epidemiologic trends.

Year	AIDS Cases by Year of Diagnosis	AIDS Cases by Year of Report
1992	295	234
1993	313	329
1994	322	315
1995	336	302
1996	336	385
1997	278	355
1998	247	271
1999	229	278
2000	201	186
2001	217	317*
Through June 2002	91	140

*The increase in reported cases for the year 2001 may be due to a change in reporting regulations, which were adopted as of December 15, 2000, requiring laboratories to report positive HIV test results to the Department for Public Health.



Adult/Adolescent ⁽¹⁾ AIDS Cases by Year of Diagnosis																
Characteristics	1982-96	%	1997	%	1998	%	1999	%	2000	%	2001	%	2002 ⁽²⁾	%	Total	% ⁽³⁾
<u>GENDER</u>																
Male	2191	89%	235	85%	206	84%	174	77%	163	82%	188	87%	64	71%	3221	87%
Female	269	11%	43	15%	40	16%	53	23%	37	19%	29	13%	26	29%	497	13%
TOTAL	2460	100%	278	100%	246	100%	227	100%	200	100%	217	100%	90	100%	3718	100%
<u>AGE AT DIAGNOSIS</u>																
13-19	22	1%	1	0%	1	0%	1	0%	0	0%	2	1%	0	0%	27	1%
20-29	511	21%	38	14%	32	13%	35	15%	27	14%	32	15%	18	20%	693	19%
30-39	1188	48%	134	48%	115	47%	103	45%	91	46%	76	35%	35	39%	1742	47%
40-49	542	22%	85	31%	72	29%	65	29%	55	28%	77	35%	26	29%	922	25%
>49	197	8%	20	7%	26	11%	23	10%	27	14%	30	14%	11	12%	334	9%
TOTAL	2460	100%	278	100%	246	100%	227	100%	200	100%	217	100%	90	100%	3718	100%
<u>RACE</u>																
White	1798	73%	165	59%	152	62%	135	59%	109	55%	125	58%	59	66%	2543	68%
African-American	629	26%	99	36%	84	34%	87	38%	79	40%	83	38%	28	31%	1089	29%
Other	33	1%	14	5%	10	4%	5	2%	12	6%	9	4%	3	3%	86	2%
TOTAL	2460	100%	278	100%	246	100%	227	100%	200	100%	217	100%	90	100%	3718	100%
<u>RISK</u>																
MSM ⁽⁴⁾	1518	62%	142	51%	120	49%	112	49%	88	44%	100	46%	24	27%	2104	57%
IDU ⁽⁵⁾	312	13%	44	16%	35	14%	32	14%	23	12%	19	9%	3	3%	468	13%
MSM and IDU	160	7%	18	6%	17	7%	5	2%	5	3%	8	4%	5	6%	218	6%
Hemophilia/Coagulation Disorder	75	3%	2	1%	2	1%	0	0%	3	2%	1	0%	0	0%	83	2%
Heterosexual ⁽⁶⁾	264	11%	34	12%	38	15%	34	15%	24	12%	18	8%	9	10%	421	11%
Transfusion	41	2%	0	0%	0	0%	2	1%	0	0%	0	0%	0	0%	43	1%
Undetermined ⁽⁷⁾	90	4%	38	14%	34	14%	42	19%	57	29%	71	33%	49	54%	381	10%
TOTAL	2460	100%	278	100%	246	100%	227	100%	200	100%	217	100%	90	100%	3718	100%

(1) Cases are classified as Adult/Adolescent if they are 13 years of age or older at time of diagnosis.

(2) Data for the year 2002 only represent cases reported to the Department for Public Health through June 30, 2002.

(3) Percentages may not total to 100 due to rounding.

(4) MSM= Men Having Sex with Men

(5) IDU = Injecting Drug User

(6) "Heterosexual" includes persons who have had heterosexual contact with a person with HIV or at risk for HIV.

(7) "Undetermined" refers to persons whose mode of exposure to HIV is unknown. This includes persons who are under investigation, deceased, lost to follow-up, refused interview, and persons whose mode of exposure remains undetermined after investigation.

Pediatric ⁽¹⁾ AIDS Cases by Year of Diagnosis																
Risk Factor	1982-96	%	1997	%	1998	%	1999	%	2000	%	2001	%	2002 ⁽²⁾	%	Total	% ⁽³⁾
Hemophilia/Coagulation Disorder	4	17%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	4	14%
Perinatal	18	78%	0	0%	1	100%	2	100%	1	100%	0	0%	1	100%	23	82%
Transfusion	1	4%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	1	4%
Total	23	100%	0	0%	1	100%	2	100%	1	100%	0	0%	1	100%	28	100%

(1) Cases are classified as Pediatric if they are less than 13 years of age at time of diagnosis.

(2) Data for the year 2002 only represent cases reported to the Department for Public Health through June 30, 2002.

(3) Percentages may not total to 100 due to rounding.

CUMULATIVE ADULT/ADOLESCENT ⁽¹⁾ AIDS CASES BY RISK, RACE, AND GENDER 6/30/02									
Risk	White		African American		Other		TOTAL		
	No.	%	No.	%	No.	%	No.	% ⁽²⁾	
MALE	MSM ⁽³⁾	1688	74%	392	45%	24	36%	2104	65%
	IDU ⁽⁴⁾	137	6%	183	21%	17	25%	337	10%
	MSM and IDU	140	6%	74	9%	4	6%	218	7%
	Hemophilia/Coagulation Disorder	74	3%	8	1%	0	0%	82	3%
	Heterosexual	101	4%	74	9%	6	9%	181	6%
	Transfusion/Transplant	24	1%	4	0%	0	0%	28	1%
	Undetermined	128	6%	127	15%	16	24%	271	8%
	TOTAL	2292	100%	862	100%	67	100%	3221	100%
FEMALE	IDU ⁽⁴⁾	59	24%	67	30%	5	26%	131	26%
	Hemophilia/Coagulation Disorder	1	0%	0	0%	0	0%	1	0%
	Heterosexual ⁽⁵⁾	133	53%	99	44%	8	42%	240	48%
	Transfusion/Transplant	11	4%	4	2%	0	0%	15	3%
	Undetermined ⁽⁶⁾	47	19%	57	25%	6	32%	110	22%
	TOTAL	251	100%	227	100%	19	100%	497	100%

(1) Cases are classified as Adult/Adolescent if they are 13 years of age or older at time of diagnosis.

(2) Percentages may not total to 100 due to rounding.

(3) MSM = Men Having Sex with Men

(4) IDU = Injecting Drug User

(5) "Heterosexual" includes persons who have had heterosexual contact with a person with HIV or at risk for HIV.

(6) "Undetermined" refers to persons whose mode of exposure to HIV is unknown. This includes persons who are under investigation, dead, lost to follow-up, refused interview, and persons whose mode of exposure remain undetermined after investigation.

CUMULATIVE PEDIATRIC ⁽¹⁾ AIDS CASES BY RISK AND RACE 6/30/02								
Risk	White		African American		Other		TOTAL	
	No.	%	No.	%	No.	%	No.	% ⁽²⁾
Hemophilia/Coagulation Disorder	3	20%	1	8%	0	0%	4	14%
Perinatal	11	73%	12	92%	0	0%	23	82%
Transfusion	1	7%	0	0%	0	0%	1	4%
TOTAL	15	100%	13	100%	0	0%	28	100%

(1) Cases are classified as Pediatric if they are less than 13 years of age at time of diagnosis.

(2) Percentages may not total to 100 due to rounding

CUMULATIVE ⁽¹⁾ AIDS CASES BY AGE AT DIAGNOSIS, RACE, AND GENDER 6/30/02									
Age Group		White		African American		Other		TOTAL	
		No.	%	No.	%	No.	%	No.	% ⁽²⁾
MALE	<13	8	0%	7	1%	0	0%	15	0%
	13-19	16	1%	4	0%	1	1%	21	1%
	20-29	409	18%	144	17%	15	22%	568	18%
	30-39	1093	48%	394	45%	37	55%	1524	47%
	40-49	563	24%	250	29%	11	16%	824	25%
	>49	211	9%	70	8%	3	4%	284	9%
	TOTAL	2300	100%	869	100%	67	100%	3236	100%
FEMALE	<13	7	3%	6	3%	0	0%	13	3%
	13-19	4	2%	2	1%	0	0%	6	1%
	20-29	63	24%	55	24%	7	37%	125	25%
	30-39	104	40%	107	46%	7	37%	218	43%
	40-49	46	18%	49	21%	3	16%	98	19%
	>49	34	13%	14	6%	2	11%	50	10%
	TOTAL	258	100%	233	100%	19	100%	510	100%

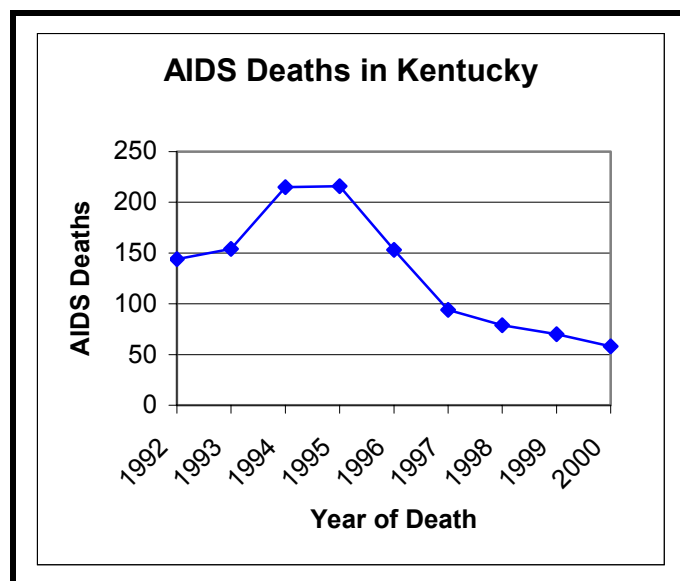
(1) Includes both Adult/Adolescent and Pediatric AIDS cases.

(2) Percentages may not total to 100 due to rounding.

KENTUCKY AIDS CASES ⁽¹⁾ , LIVING AND DECEASED, AS OF 6/30/02				
Diagnosis Year	Total Cases	Living	Deceased	Case Fatality Rate ⁽²⁾
1982	3	0	3	100%
1983	6	0	6	100%
1984	15	0	15	100%
1985	32	0	32	100%
1986	41	1	40	98%
1987	72	5	67	93%
1988	127	5	122	96%
1989	169	20	149	88%
1990	191	25	166	87%
1991	225	39	186	83%
1992	295	70	225	76%
1993	313	101	212	68%
1994	322	155	167	52%
1995	336	209	127	38%
1996	336	250	86	26%
1997	278	222	56	20%
1998	247	195	52	21%
1999	229	192	37	16%
2000	201	172	29	14%
2001	217	207	10	5%
2002	91	90	1	1%
TOTAL	3746	1958	1788	48%

(1) Includes both Adult/Adolescent and Pediatric AIDS cases.

(2) The case fatality rate is the percentage of AIDS cases diagnosed in a year which are deceased.



AIDS deaths declined 62% from 153 in 1996 to 58 in 2000. The overall number of Kentucky AIDS deaths declined since 1995 due to the success of combination therapies.

CUMULATIVE AIDS STATISTICS FOR KENTUCKY AND THE UNITED STATES

KENTUCKY AIDS CASES REPORTED AS OF 6/30/02		
Characteristics	Total Cases	% ⁽¹⁾ of AIDS cases
GENDER		
Male	3,236	86%
Female	510	14%
Unknown	0	0%
TOTAL	3,746	100%
AGE AT DIAGNOSIS		
<13	28	1%
13-19	27	1%
20-29	693	18%
30-39	1,742	47%
40-49	922	25%
>49	334	9%
Unknown	0	0%
TOTAL	3,746	100%
RACE		
White	2,558	68%
African-American	1,102	29%
Other	86	2%
Undetermined	0	0%
TOTAL	3,746	100%
RISK		
MSM ⁽²⁾	2,104	56%
IDU ⁽³⁾	468	12%
MSM/IDU	218	6%
Hemophiliac	87	2%
Heterosexual	421	11%
Transfusion	44	1%
Perinatal	23	1%
Undetermined	381	10%
TOTAL	3,746	100%

(1) Percentages may not always total 100% due to rounding

(2) MSM=Men Having Sex with Men

(3) IDU=Injecting Drug User

UNITED STATES AIDS CASES ⁽⁴⁾ REPORTED AS OF 6/30/01		
Characteristics	Total Cases	% ⁽¹⁾ of AIDS cases
GENDER		
Male	653,808	82%
Female	139,217	18%
Unknown	1	0%
TOTAL	793,026	100%
AGE AT DIAGNOSIS		
<13	8,994	1%
13-19	4,219	1%
20-29	130,965	17%
30-39	353,102	45%
40-49	208,870	26%
>49	86,875	11%
Unknown	1	0%
TOTAL	793,026	100%
RACE		
White	337,035	42%
African-American	301,784	38%
Other	153,575	19%
Undetermined	632	0%
TOTAL	793,026	100%
RISK		
MSM ⁽²⁾	361,867	46%
IDU ⁽³⁾	197,091	25%
MSM/IDU	50,066	6%
Hemophiliac	5,471	1%
Heterosexual	85,738	11%
Transfusion	9,276	1%
Perinatal	8,207	1%
Undetermined	75,310	9%
TOTAL	793,026	100%

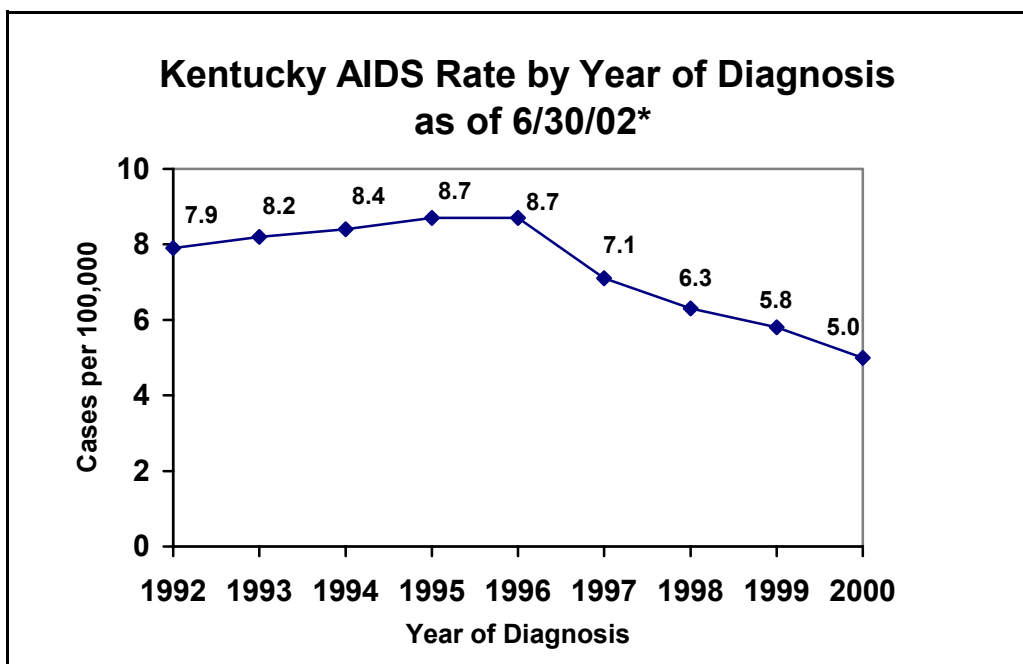
(4) U.S. Cases from Centers for Disease Control and Prevention. *HIV/AIDS Surveillance Report*, 2001;13(No.1)

Kentucky closely parallels the US percentage of AIDS cases by gender and age at diagnosis. Compared to US data, the percentage of white cases reported is greater in Kentucky. One possible explanation for this is the greater percentage of White persons in Kentucky's general population compared to the US population. In addition, a greater percentage of Kentucky AIDS cases report their mode of exposure to be Men Having Sex with Men (MSM) compared to US AIDS cases.

Annual AIDS Rate per 100,000 A Comparison of Kentucky to Other States Year of Report 2000

<u>Rank</u>	<u>State</u>	<u>Rate</u>
1	District of Columbia	153.0
2	New York	32.7
3	Florida	31.1
4	Delaware	28.2
5	Maryland	27.7
*	*	*
*	*	*
37	Kentucky	5.2

US RATE = 14.4



*Data are current as of 6/30/02 however data for 2001 are provisional due to reporting delays and are not presented in trend analysis.

Compared to other states, Kentucky ranked 37th in the number of AIDS cases reported in the year 2000. The AIDS incidence rate in Kentucky, based on year of diagnosis, declined 42% from 1996 to 2000. This decline may be due to highly effective treatments for HIV and opportunistic infections.

CUMULATIVE AIDS CASES ¹										
BY										
COUNTY OF RESIDENCE AT TIME OF DIAGNOSIS										
County	Total AIDS Cases ⁽²⁾	Living With AIDS		County	Total AIDS Cases	Living With AIDS		County	Total AIDS Cases	Living With AIDS
Adair	≤5	≤5		Grant	10	≤5		McLean	≤5	≤5
Allen	6	≤5		Graves	20	8		Meade	12	9
Anderson	7	≤5		Grayson	8	≤5		Menifee	≤5	≤5
Ballard	6	≤5		Green	≤5	≤5		Mercer	15	7
Barren	18	≤5		Greenup	9	≤5		Metcalfe	≤5	≤5
Bath	≤5	≤5		Hancock	≤5	≤5		Monroe	11	7
Bell	10	7		Hardin	61	34		Montgomery	11	11
Boone	39	22		Harlan	9	≤5		Morgan	15	7
Bourbon	11	6		Harrison	7	≤5		Muhlenberg	20	8
Boyd	47	31		Hart	≤5	≤5		Nelson	11	≤5
Boyle	11	8		Henderson	33	20		Nicholas	≤5	≤5
Bracken	≤5	≤5		Henry	8	≤5		Ohio	6	≤5
Breathitt	≤5	≤5		Hickman	≤5	≤5		Oldham	105	63
Breckinridge	6	≤5		Hopkins	28	9		Owen	≤5	≤5
Bullitt	14	8		Jackson	≤5	≤5		Owsley	≤5	≤5
Butler	≤5	≤5		Jefferson	1572	784		Pendleton	≤5	≤5
Caldwell	11	6		Jessamine	14	7		Perry	9	6
Calloway	16	7		Johnson	≤5	≤5		Pike	20	11
Campbell	66	30		Kenton	178	82		Powell	≤5	≤5
Carlisle	≤5	≤5		Knott	≤5	≤5		Pulaski	27	13
Carroll	≤5	≤5		Knox	8	≤5		Robertson	≤5	≤5
Carter	≤5	≤5		Larue	≤5	≤5		Rockcastle	≤5	≤5
Casey	≤5	≤5		Laurel	14	7		Rowan	≤5	≤5
Christian	55	33		Lawrence	≤5	≤5		Russell	≤5	≤5
Clark	14	9		Lee	≤5	≤5		Scott	18	13
Clay	19	16		Leslie	≤5	≤5		Shelby	20	12
Clinton	≤5	≤5		Letcher	12	≤5		Simpson	6	≤5
Crittenden	≤5	≤5		Lewis	9	6		Spencer	≤5	≤5
Cumberland	≤5	≤5		Lincoln	8	≤5		Taylor	≤5	≤5
Daviess	59	31		Livingston	9	≤5		Todd	14	9
Edmonson	≤5	≤5		Logan	16	7		Trigg	6	≤5
Elliott	≤5	≤5		Lyon	13	≤5		Trimble	6	≤5
Estill	≤5	≤5		Madison	32	16		Union	12	6
Fayette	530	306		Magoffin	≤5	≤5		Warren	58	20
Fleming	≤5	≤5		Marion	6	≤5		Washington	≤5	≤5
Floyd	10	8		Marshall	9	7		Wayne	≤5	≤5
Franklin	39	20		Martin	≤5	≤5		Webster	6	≤5
Fulton	≤5	≤5		Mason	10	≤5		Whitley	14	7
Gallatin	≤5	≤5		McCracken	83	45		Wolfe	≤5	≤5
Garrard	≤5	≤5		McCreary	≤5	≤5		Woodford	16	12

(1) For confidentiality purposes, cases less than or equal to 5 are not listed.

(2) Total cases both living and deceased

AIDS CASES AND RATES BY YEAR OF DIAGNOSIS AND AREA DEVELOPMENT DISTRICT OF RESIDENCE AT TIME OF DIAGNOSIS										
DISTRICT	CASES & RATES ⁽¹⁾	1982-96	1997	1998	1999	2000	2001	2002	TOTAL CASES ⁽²⁾	%
1. Purchase	Cases	86	8	12	13	8	11	5	143	4%
	Rate per 100,000		4.2	6.3	6.8	4.1	5.7			
2. Pennyriple	Cases	114	9	10	5	11	6	2	157	4%
	Rate per 100,000		4.2	4.7	2.3	5.1	2.8			
3. Green River	Cases	78	8	12	7	8	5	2	120	3%
	Rate per 100,000		3.9	5.8	3.4	3.9	2.4			
4. Barren River	Cases	91	7	5	8	4	4	5	124	3%
	Rate per 100,000		2.9	2.0	3.3	1.6	1.6			
5. Lincoln Trail	Cases	66	12	7	4	8	4	5	106	3%
	Rate per 100,000		5.2	2.9	1.7	3.3	1.6			
6. North Central	Cases	1124	137	112	118	88	103	46	1728	46%
	Rate per 100,000		16.5	13.4	14.0	10.1	11.8			
7. Northern Kentucky	Cases	242	17	10	11	8	10	4	302	8%
	Rate per 100,000		4.6	2.7	2.9	2.0	2.6			
8. Buffalo Trace	Cases	14	3	5	1	1	1	1	26	1%
	Rate per 100,000		5.5	9.1	1.8	1.8	1.8			
9. Gateway	Cases	25	2	1	3	1	2	2	36	1%
	Rate per 100,000		2.8	1.4	4.1	1.3	2.6			
10. FIVCO	Cases	49	3	8	2	3	2	0	67	2%
	Rate per 100,000		2.2	5.9	1.5	2.2	1.5			
11. Big Sandy	Cases	26	5	3	3	0	1	0	38	1%
	Rate per 100,000		3.0	1.8	1.8	0.0	0.6			
12. Kentucky River	Cases	21	2	3	1	1	2	3	33	1%
	Rate per 100,000		1.6	2.4	0.8	0.8	1.7			
13. Cumberland Valley	Cases	48	5	9	5	4	9	1	81	2%
	Rate per 100,000		2.1	3.8	2.1	1.7	3.8			
14. Lake Cumberland	Cases	35	3	5	0	2	6	1	52	1%
	Rate per 100,000		1.6	2.6	0.0	1.0	3.1			
15. Bluegrass	Cases	464	57	45	48	54	51	14	733	20%
	Rate per 100,000		8.9	6.9	7.3	7.9	7.4			
TOTAL CASES		2483	278	247	229	201	217	91	3746	100%

(1) Rates are only listed for years of diagnosis 1997 - 2001. Data for 2001 are provisional due to reporting delay and rates for 2001 are based on 2000 population estimates. Rates for 2002 are not given due to incomplete data.

(2) Total AIDS Cases both Living and Deceased.

Counties In Each Area Development District
1. Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, McCracken, Marshall
2. Caldwell, Christian, Crittenden, Hopkins, Livingston, Lyon, Muhlenberg, Todd, Trigg
3. Daviess, Hancock, Henderson, McLean, Ohio, Union, Webster
4. Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren
5. Breckinridge, Grayson, Hardin, Larue, Marion, Meade, Nelson, Washington
6. Bullitt, Henry, Jefferson, Oldham, Shelby, Spencer, Trimble
7. Boone, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton
8. Bracken, Fleming, Lewis, Mason, Robertson
9. Bath, Menifee, Montgomery, Morgan, Rowan
10. Boyd, Carter, Elliott, Greenup, Lawrence
11. Floyd, Johnson, Magoffin, Martin, Pike
12. Breathitt, Knott, Lee, Leslie, Letcher, Owsley, Perry, Wolfe
13. Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley
14. Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne
15. Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison
Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

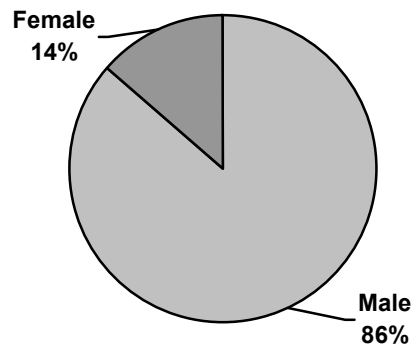
AIDS in Kentucky
Cumulative AIDS Cases by Area Development District
June 30, 2002



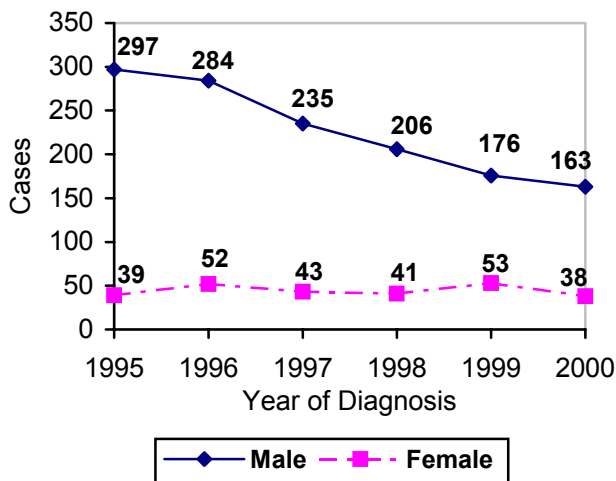
The largest percentage of AIDS cases, 46%, stated that the North Central Area Development District (ADD), which includes Louisville, was their ADD of residence at the time of diagnosis. The next highest percentage, 20%, resided in the Bluegrass ADD, which includes Lexington, followed by Northern Kentucky at 8%.

GENDER

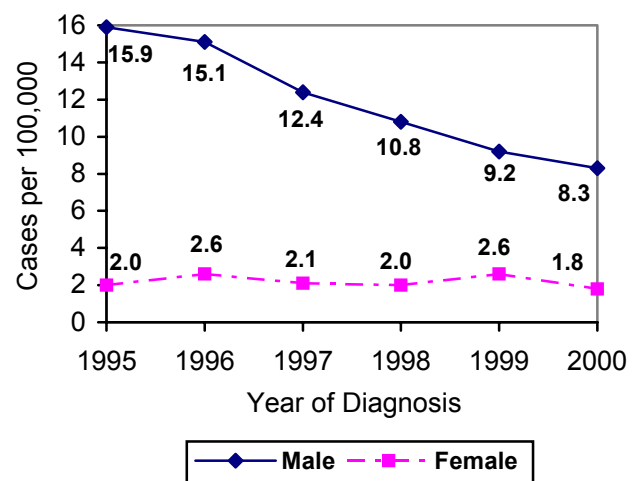
**Percentage of Cumulative Kentucky
AIDS Cases by Gender,
N=3,746**



**Kentucky AIDS Cases
by Gender and Year of Diagnosis
as of 6/30/02***



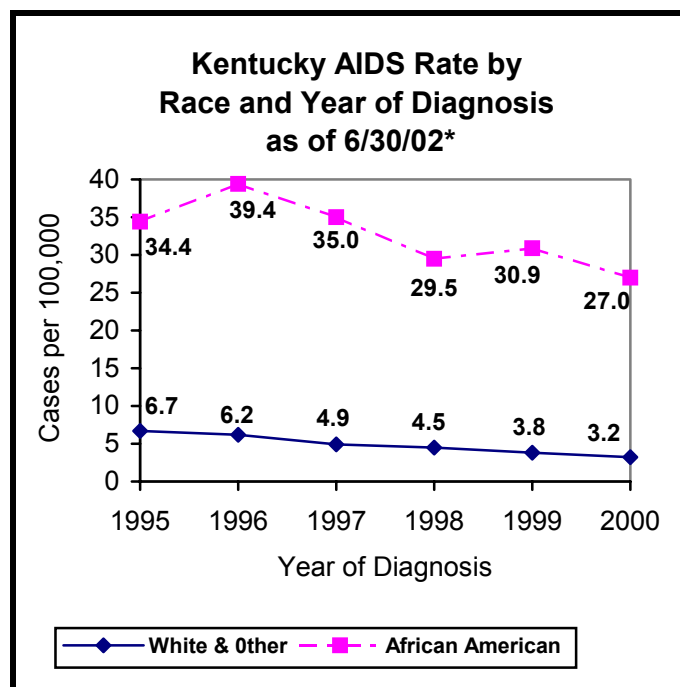
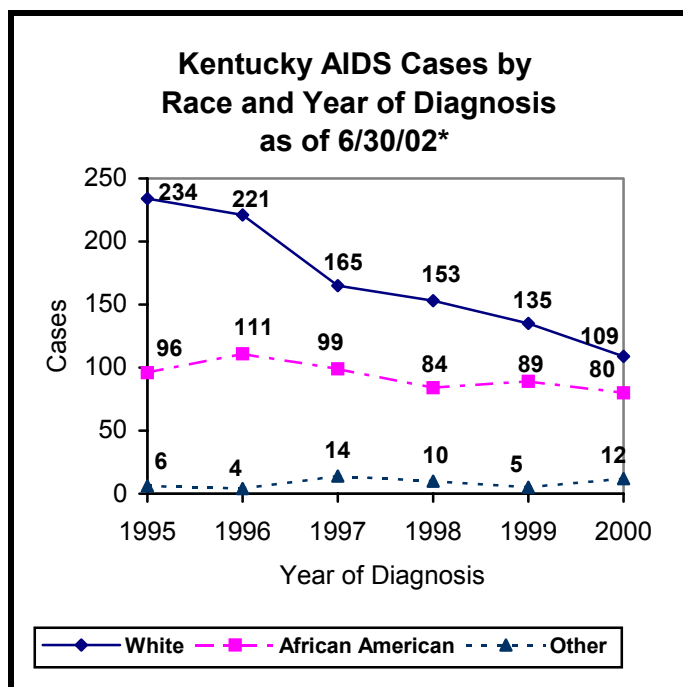
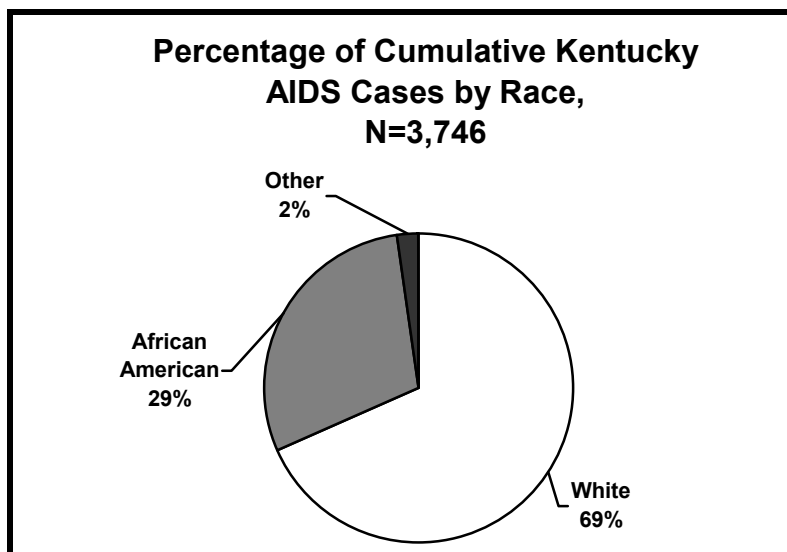
**Kentucky AIDS Rate
by Gender and Year of Diagnosis
as of 6/30/02***



*Data are current as of 6/30/02 however data for 2001 are provisional due to reporting delays and are not presented in trend analysis.

Approximately 86% of all Kentucky AIDS cases reported are male. The male AIDS rate is approximately 5 times higher than the female rate. However, the percentage of female AIDS cases has increased since 1995. Women represented 19% of AIDS cases diagnosed in 2000, up from 12% in 1995.

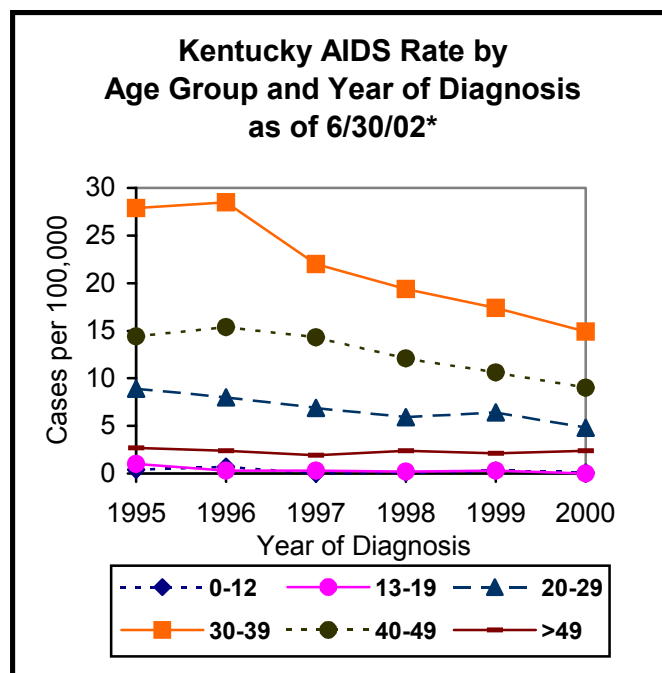
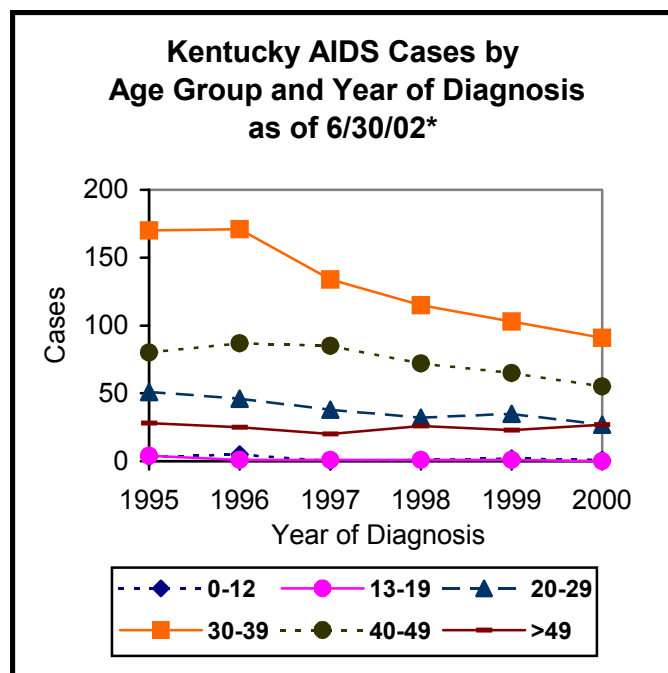
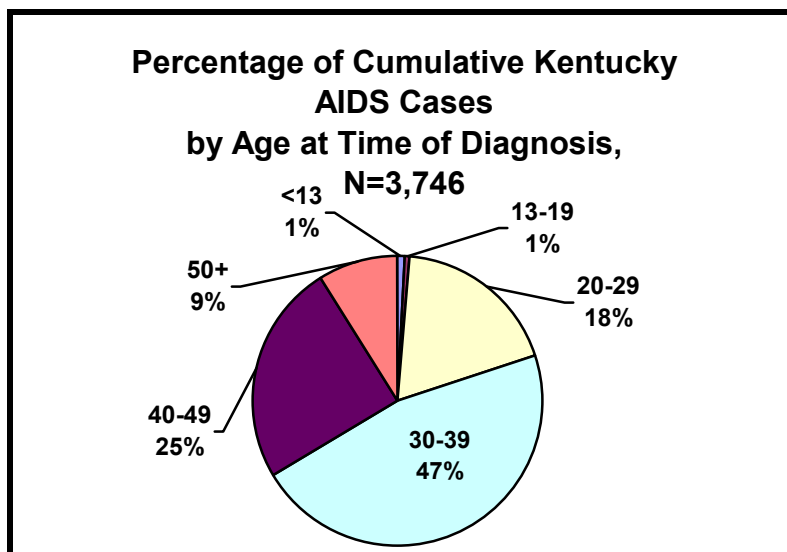
RACE



*Data are current as of 6/30/02 however data for 2001 are provisional due to reporting delay and are not presented in trend analysis.

The majority of Kentucky AIDS cases, 69%, are white. African Americans comprise 29% of AIDS cases reported. Hispanics comprise the majority of the "Other" category. African Americans are disproportionately affected by the AIDS epidemic in Kentucky. The AIDS rate for African Americans is approximately 6 times higher than for Whites/Others. While the AIDS rate for Whites/Others fell 52% from 1995 to 2000, the rate among African Americans only decreased by 21%.

AGE AT DIAGNOSIS

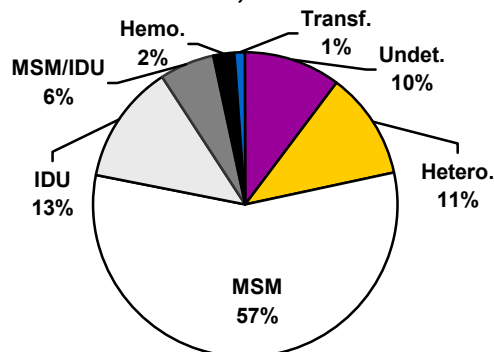


*Data are current as of 6/30/02 however data for 2001 are provisional due to reporting delays and are not presented in trend analysis.

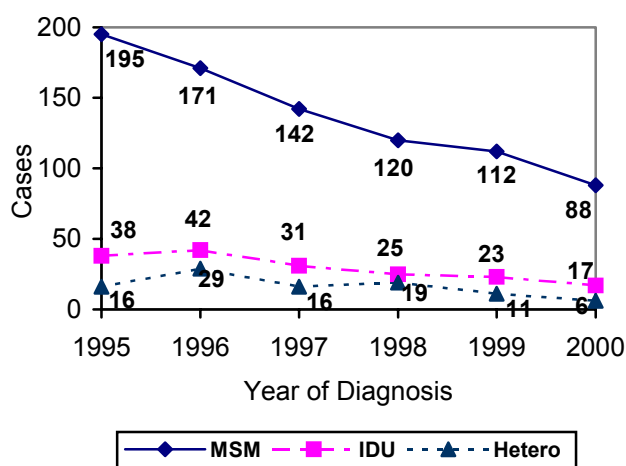
The largest percentage of Kentucky AIDS cases, 47%, are diagnosed in their thirties. The next highest percentage of AIDS cases is among adults in their forties at 25%, followed by adults in their twenties at 18%.

MODE OF EXPOSURE/ RISK

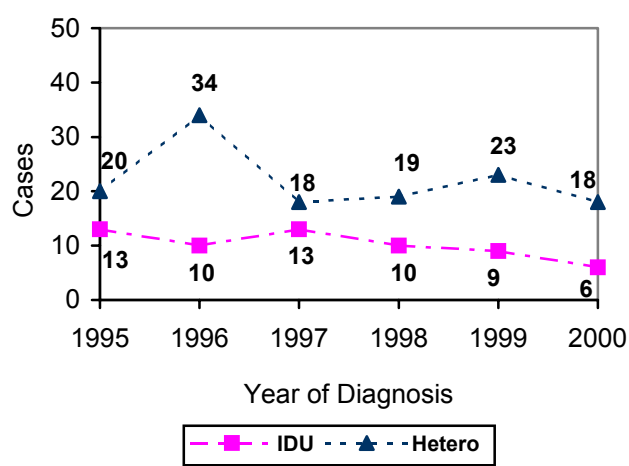
**Percentage of Cumulative Kentucky
Adult/Adolescent AIDS Cases
by Mode of Exposure,
N=3,718**



**Kentucky Adult/Adolescent AIDS
Cases by Mode of Exposure
and Year of Diagnosis
MALE - 6/30/02***



**Kentucky Adult/Adolescent AIDS
Cases by Mode of Exposure
and Year of Diagnosis
FEMALE - 6/30/02***



*Data are current as of 6/30/02 however data for 2001 are provisional due to reporting delays and are not presented in trend analysis.

Among Kentucky Adult/Adolescent AIDS cases, the majority report Men Having Sex with Men (MSM) to be their main mode of exposure at 57%. The next highest risk factor is Injecting Drug Use (IDU) at 13% followed by Heterosexual contact at 11%.